CLAIMS

1. A refrigerating apparatus that is provided with a refrigerant circuit (**20**) in which a first cooling circuit (**110**, **120**) including a first heat exchanger (**111**, **121**) for cooling inside and a second cooling circuit (**30**) including a second heat exchanger (**131**) for cooling inside and a sub compressor (**141**), which are connected in series, are connected in parallel to a heat source side circuit (**40**) including a heat source side heat exchanger (**43**) and a main compressor (**41**) and

that performs a refrigeration cycle by circulating refrigerant in the refrigerant circuit (**20**),

wherein in the refrigerant circuit (**20**), a switching mechanism (**142**) is provided which switches between a first operation where the sub compressor (**141**) sucks the refrigerant from the second heat exchanger (**131**) and discharges it to an intake side of the main compressor (**41**) and a second operation where the sub compressor (**141**) sucks the refrigerant from the first heat exchanger (**111**, **121**) and discharges it to the second heat exchanger (**131**), and

during defrosting operation for defrosting the second heat exchanger (**131**), the second operation is performed in the refrigerant circuit (**20**) and the refrigerant is sent from the second heat exchanger (**131**) to the first heat exchanger (**111**, **121**).

2. The refrigerating apparatus of Claim 1, wherein

an expansion valve (**132**) of which opening is variable is provided in the second cooling circuit (**30**), and

control means (**201**) is provided which keeps the expansion valve (**132**) to be opened fully during the defrosting operation.

3. The refrigerating apparatus of Claim 1, wherein

in the refrigerant circuit (**20**), a bypass path (**150**) is provided through which the

refrigerant passes bypassing the sub compressor (**141**) only during a halted state of the sub compressor (**141**), and

control means (**20**) is provided which halts once the sub compressor (**141**) when the second operation is exchanged to the first operation at termination of the defrosting operation, and then, starts the sub compressor (**141**) after a predetermined time period elapses.